

**From:** [Garyg Miller](#)  
**To:** [Rita Engblom](#)  
**Subject:** Re: Fw: Gulfco Draft Removal Action Work Plan Questions/Comments  
**Date:** 01/21/2010 10:01 AM

---

Thanks Rita.

Gary Miller, P.E.  
Remediation Project Manager  
EPA Region 6 - Superfund (6SF-RA)  
(214) 665-8318  
[miller.garyg@epa.gov](mailto:miller.garyg@epa.gov)

▼ [Rita Engblom---01/21/2010 09:05:04 AM---1\) Above Ground Storage Tank - they report 14 tanks - I have 15 listed in AM](#)

**From:** Rita Engblom/R6/USEPA/US  
**To:** Garyg Miller/R6/USEPA/US@EPA  
**Date:** 01/21/2010 09:05 AM  
**Subject:** Re: Fw: Gulfco Draft Removal Action Work Plan Questions/Comments

---

- 1) Above Ground Storage Tank - they report 14 tanks - I have 15 listed in AM
- 2) AOC does not identify all the chemical identified in the AM:
  - a. Benzene – Benzene is a carcinogen. Systemic effects from exposure include irritation to mucous membranes, restlessness, convulsions, and depression.
  - b. Carbon tetrachloride - High exposure to carbon tetrachloride can cause liver, kidney, and central nervous system damage. These effects can occur after ingestion or breathing carbon tetrachloride, and possibly from exposure to the skin. The liver is especially sensitive to carbon tetrachloride because it enlarges and cells are damaged or destroyed.
  - c. Chloroform – Chloroform can cause dizziness, fatigue, and headache. Inhalation or ingestion of high levels of chloroform over time may damage liver and kidneys.
  - d. TCE - Breathing large amounts of trichloroethylene may cause impaired heart function, unconsciousness, and death. Breathing it for long periods may cause nerve, kidney, and liver damage.
  - e. PCE – PCE may be a carcinogen. High concentrations can cause dizziness, headache, sleepiness, confusion, nausea, difficulty in speaking and walking, unconsciousness, and death.
  - f. Vinyl chloride – Vinyl chloride is a carcinogen. Breathing high levels of vinyl chloride can cause you to feel dizzy or sleepy. Breathing very high levels can cause you to pass out, and breathing extremely high levels can cause death.

- 3) Under Section A Preconstruction Activities - I'd like to see them add language to last sentence of first paragraph that add that they will remove drums or containers identified.
- 4) FYI - There is no discussion of the capped area in the AM - repair efforts in WorkPlan sound fine to me.

P.S. That is one hefty workplan....

---

Rita Engblom  
1445 Ross Avenue (6SF-PR)  
Dallas, TX 75202

214-665-8341 (work)  
214-789-2302 (cell)  
214-665-7447 (fax)